**Educational Resources**

**Collections of Web-Based Lessons and Projects**

Annenberg Channel

* Web-based explorations of concept related to science, geography, and history
* <http://www.learner.org/interactives/>

Camp Silos

* Interactive lessons on farming and prairie life
* <http://www.campsilos.org/>

Center for Improved Engineering and Science Education

* Collaborative projects that use real-time data available from the Internet
* <http://www.stevens.edu/currichome.html/>

Co-Nect Teleprojects

* Interactive data collection projects
* <http://exchange.co-nect.net/Teleprojects>

Consumer Jungle

* Interactive lessons from the Young Adult Consumer Education Trust
* [http://www.consumerjungle.org](http://www.consumerjungle.org/)

Exploratorium: The Museum of Science, Art, and Human Perception

* How-to descriptions of science classroom projects
* <http://www.exploratorium.edu/educate/index.html>

Eyes on Art Lessons

* How-to art lessons and activities
* <http://www.kn.pacbell.com/wired/art2/index.html>

The Franklin Institute Online

* Science lesson plans and classroom activities
* http://www.$$.edu/fellows

The Global Schoolhouse

* Clearinghouse for more than 2,000 online collaborative projects, organized by topic, grade, and project date
* [http://www.globalschoolnet.org](http://www.globalschoolnet.org/)

GoNorth! Adventure Learning Series

* Comprehensive k-12 curriculum and online activities related to science, social studies, literac, mathematic, and physical education
* [http://www.polarhusky.com](http://www.polarhusky.com/)

Knowledge Learning Network

* Online curriculum, webquests, and other materials in all content areas
* <http://kn.pacbell.com/wired>

National Geographic Xpeditions

* Geography lesson plans for grades K-12
* <http://www.nationalgeographic.com/xpeditions>

National Geographic Lessons and Resource Site

* More than 100 website "explorations" of various topics
* <http://www.nationalgeographic.com/features/>

National Geophysical Data Center

* Collections of resources on various topics related to science and geography
* <http://www.ngdc.noass.gov/education/education.html>

Teacher's Desk Lesson Plans

* Classroom lessons and projects related to all content areas
* <http://www.teachersdesk.com/lessons/lessons.htm>

Tramline's Virtual Field Trips

* Structured and guided teacher-designed "field trips" through a series of websites on dozens of topics
* [http://www.tramline.com](http://www.tramline.com/)

**Web-Based Lessons and Projects**

Electronic Pen Pals

* EPals
  + [http://www.epals.com](http://www.epals.com/)
* International E-Mail Classroom Connections
  + [http://www.iecc.org](http://www.iecc.org/)

Electronic Mentoring

* International Telementor Program
  + [http://www.telementor.org](http://www.telementor.org/)
* Chats With NASA Personnel
  + <http://quest.arc.nasa.gov/sso/chats>

Electronic (virtual) Field Trips

* Tramline Virtual Field Trips
  + [http://www.tramline.com](http://www.tramline.com/)
* National Health Museum
  + <http://www.acessexcellence.org/RC/virtual.html>
* Go North!
  + [http://www.polarhusky.com](http://www.polarhusky.com/)

Electronic Publishing

* Children's Express
  + [http://www.childrens-express.org](http://www.childrens-express.org/)
* Midlink Magazine
  + [[<http://www.cs.ucf.edu/>∼MidLink/]]
* Voicethread
  + [http://voicethread.com](http://voicethread.com/)

Group Product Development

* CIESE Online Classroom Projects
  + <http://www.ciese.org/collabprojs.html>

Problem-Based Learning

* The GLOBE Program
  + [http://www.globe.gov](http://www.globe.gov/)
* Pathfinder Science Projects
  + [http://kancm.org](http://kancm.org/)
* International Schools CyberFair
  + <http://www.gsn.org/gsh/cs/index.html>
* MIDI Music Relay
  + <http://www.kidlink.org/KIDPRO/midi>
* Project Mars Millennium
  + <http://www.projectpioneer.com/mars>

Social Action Projects

* IEARN Network
  + [http://www.iearn.org](http://www.iearn.org/)
* Cranes for Peace Project
  + [http://www.cranesforpeace.org](http://www.cranesforpeace.org/)
* I Have A Dream Project
  + <http://www.kidlink.org/dream>
* Earth Day Groceries
  + [http://www.earthdaybags.or](http://www.earthdaybags.or/)g

**Data Collection and Analysis Tools**

Electronic Gradebooks

* Class Action Gradebook [http://www.classactiongradebook.com](http://www.classactiongradebook.com/)
* Grade Pro <http://www.edline.com/solutions/gradebook_and_classroom_management/>
* Gradekeeper [http://www.gradekeeper.com](http://www.gradekeeper.com/)
* Easy Grade Pro [http://easygradepro.com](http://easygradepro.com/)

Statistical Packages

* SPSS Inc. [http://www.spss.com](http://www.spss.com/)
* XLStat [http://www.xlstat.com](http://www.xlstat.com/)

**Multimedia Products**

Instructional Software:

* MCH Multimedia Developers of Interactive Software [http://mchmultimedia.com](http://mchmultimedia.com/)
* Tutorial Finder [http://www.tutorialfinder.com](http://www.tutorialfinder.com/)
* DK Multimedia at educate\_me.net [http://www.educate-me.net](http://www.educate-me.net/)
* A.D.A.M. The Inside Story <http://adam.com/Our_products/School_and_Instruction/Educators/K-8/atis.html>
* Lynda.com [http://www.lynda.com](http://www.lynda.com/)

Interactive Books and eBooks

* Clifford Interactive Storybooks <http://teacher.scholastic.com/clifford>
* All Educational Software Interactive Storybooks <http://www.alleducationalsoftware.com/interactive-storybooks.html>
* PBS Kids Interactive Storybooks <http://pbskids.org/lions/stories>
* Grimm Fairy Tales <http://www.grimmfairytales.com/en/main>
* StoryPlace: Children's Digital Library [http://www.storyplace.org](http://www.storyplace.org/)
* Listings of Books Online <http://digital.library.upen.edu/books>
* Free Downloadable eBooks [http://www.free-ebooks.net](http://www.free-ebooks.net/)
* Google Books [http://books.google.com](http://books.google.com/)
* Project Gutenberg Collection <http://www.gutenberg.org/wiki/Main_Page>

Reference Materials

* Encarta [http://encarta.msn.com](http://encarta.msn.com/)
* Encyclopedia.com [http://www.encyclopedia.com](http://www.encyclopedia.com/)
* Encyclopedia Britannica [http://britannica.com](http://britannica.com/)
* Wikipedia [http://www.wikipedia.org](http://www.wikipedia.org/)
* The Old Farmer's Almana [http://www.almana.com](http://www.almana.com/)
* World Alamanac for Kids [http://www.worldalmanaforkids.com](http://www.worldalmanaforkids.com/)
* Nation by Nation Almanac [http://www.nationbynation.com](http://www.nationbynation.com/)
* World Atlas <http://www.graphicmaps.com/aatlas/world.htm>
* Google Maps [http://maps.google.com](http://maps.google.com/)
* Google Earth [http://earth.google.com](http://earth.google.com/)
* Microsoft Virtual Earth <http://www.microsoft.com/VirtualEarth>

Collections of Development Resources

* Microsoft Clip Art and Media Collection <http://office.microsoft.com/clipart>
* Flaming Text [http://www.flamingtext.com](http://www.flamingtext.com/)
* Animation Factory [http://www.animationfactory.com](http://www.animationfactory.com/)
* iStockphoto [http://www.istockphoto.com](http://www.istockphoto.com/)
* dafont Free Font Collection [http://www.dafont.com](http://www.dafont.com/)
* Freesound Project <http://www.freesound.org/>

Outlining and Concept Mapping Software

* Inspiration [http://www.inspiration.co](http://www.inspiration.co/)m
* VisiMap [http://www.coco.co.uk](http://www.coco.co.uk/)
* StoryWeaver [http://www.storymind.com](http://www.storymind.com/)

Web 2.0 Authoring Tools

* Blogs
  + [http://www.WordPress.com](http://www.wordpress.com/)
  + [http://www.Blogger.com](http://www.blogger.com/)
  + [http://www.MovableType.com](http://www.movabletype.com/)
* Wikis
  + [http://www.wikipedia.org](http://www.wikipedia.org/)
  + [http://www.wikispaces.com](http://www.wikispaces.com/home)
* Podcasts
  + [http://www.ESPNRadio.com](http://www.espnradio.com/)
* e-Portfolio
  + [http://www.ePortfolio.org](http://www.eportfolio.org/)
* Social Networking
  + [http://www.facebook.com](http://www.facebook.com/)
  + [http://www.myspaces.com](http://www.myspaces.com/)
* Video and Photo Sharing
  + [http://www.youtube.com](http://www.youtube.com/)
  + [http://www.Vimeo.com](http://www.vimeo.com/)
  + [http://www.flickr.com](http://www.flickr.com/)

**Teacher Tools**

Lesson Planners

* Centron's Lesson Power <http://www.centronsoftware.com/lesson%20power.html>
* FreeMind <http://freemind.sourceforge.net/wiki/index.php/Main_Page>
* Cmap [http://cmap.ihmc.us](http://cmap.ihmc.us/)
* Teacher Planet [http://www.TeacherPlanet.com](http://www.teacherplanet.com/)

Scheduling and Time Management Tools

* ThoughtManager for Teachers [http://www.handshigh.com](http://www.handshigh.com/)
* Reel Logix [http://www.thecalendarplanner.com](http://www.thecalendarplanner.com/)

**Software Reviews Online**

* [Software Review.pdf](http://jarvisliteracytechnology.wikispaces.com/file/view/Software%20Review.pdf)
* EvaluTech, California Learning Resource Network, SuperKids, Education World
* California Learning Resource Network <http://www.clrn.org/home>
* SuperKids [http://www.superkids.com](http://www.superkids.com/)
* Education World [http://www.educationworld.com](http://www.educationworld.com/)

**Office Software**

* Google Docs: Online documents, spreadsheets, presentations [https://\*\*docs\*\*.\*\*google\*\*.com/](https://docs.google.com/)
* Max's Toolbox: Is like 'training wheels for Microsoft Office': **A ‘skin’ on top of Microsoft ® Office**Max’s Toolbox sits within the Microsoft® Office environment and uses child-friendly lessons and features to give young students productive and creative ways to learn skills they will use throughout their school years and beyond.[www.maxstoolbox.com](http://www.maxstoolbox.com/)
* OpenOffice: A multiplatform and multilingual office suite. Free to download and compatible with all other major office suites.[www.openoffice.org](http://www.openoffice.org/)

**Activities & Uses of Technology by Subject Area**

**Language Arts**

Language Skills Development

* GameGoo Learning that Sticks <http://cogcon.com/gamegoo/gooeyhome.html>
* Between the Lions <http://pbskids.org/lions>
* Chateau Meddybemps: Fun with Letters <http://meddybemps.com/letterary/index.html>
* Words and Pictures <http://www.bbc.co.uk/education/wordsandpictures/phonics>

Literacy Development

* •[Software –based and online systems](http://www.istation.com/)
* •[Reference Resources](http://www.dictionary.com/)
* •[Electronic Devices](http://www.intellitools.com/default.html)

Process Approach to Writing

* Electronic outlining
* Concept Mapping Software [http://www.inspiration.com](http://www.inspiration.com/)

**Math**

Virtual Manipulatives

* National Library of Virtual Manipulatives at the Shodor Foundation website [http://www.shodor.org](http://www.shodor.org/)
* Manipulative Math with Java <http://www.ies.co.jp/math/java/index.html>

Mathematical Problem Solving

* The Learning Company's *Zoombinis: Thinkin' Things*

Math Related Communications

* Math Forum - Ask Dr.Math <http://mathforum.org/dr.math>
* Math Forum - Problem of the Week <http://mathforum.org/pow>
* Math Forum - Public Discussions <http://mathforum.org/discussions/>
* ON-Math, the Online Journal of School Mathematics <http://www.nctm.org/onmath>

Skill Building and Practice

* PLATO Learning [http://www.plato.com](http://www.plato.com/)
* Waterford Early Science and Math [http://www.pearsondigital.com](http://www.pearsondigital.com/)

**Science**

Authentic Science Experiments

* The GLOBE Project [http://www.globe.gov](http://www.globe.gov/)
* NASA [http://www.nasa.gov](http://www.nasa.gov/)
* Jason Project [http://www.jason.org](http://www.jason.org/)
* Archimedes Labratory <http://www.archimedes-lab.org/index_optical.html>
* Project Feeder Watch <http://www.birds.cornell.edu/pfw>
* EarthKAM [http://www.earthkam.ucsd.edu](http://www.earthkam.ucsd.edu/)

Scientific Inquiry

* GIS Population Data [http://www.esri.com](http://www.esri.com/)
* Journey North Project <http://www.learner.org/jnorth/>
* RedRover Goes to Mars <http://planetary.org/rrgtm/>
* The Exploratorium [http://www.exploratorium.edu](http://www.exploratorium.edu/)
* Digital Library for Earth System Education (DLESE) [http://www.dlese.org](http://www.dlese.org/)

Science Concept Learning

* Web-based Chemistry Simulations <http://cse.edc.org/products/simulations/default.asp>

**Websites of Interest**

CARET: Centre for Research in Educational Technology

* [http://caret.iste.org](http://caret.iste.org/)

Dictionaries and Thesaurus

* Technology Words: Webopedia [http://www.webopedia.com](http://www.webopedia.com/)
* Merriam-Webster <http://www.merriam-webster.com/dictionary.htm>
* Dictionary.com [http://dictionary.reference.com](http://dictionary.reference.com/)
* Thesaurus.com [http://thesaurus.reference.com](http://thesaurus.reference.com/)

Edutopia:

* <http://www.edutopia.org/index.php>

FreeRice: A drill-practice webpage that correct answers send free rice to developing countrie

* [http://freerice.com](http://freerice.com/)

Internet4Classrooms:

* Provides technology tutorials on the Web for MS Office, Multimedia, OS, and for various software.
* Provides a multitude of resources for help by grade level and links for preK to 12, as well as assessments.
* Many links to online story-books.
* <http://www.internet4classrooms.com/on-line2.htm>

Plagiarism Prevention

* [http://www.turnitin.com](http://www.turnitin.com/)
* [http://www.mydropbox.com](http://www.mydropbox.com/)

Puzzle Makers and Worksheets

* <http://puzzlemaker.discoveryeducation.com/>
* <http://www.teachnology/web_tools/crossword>

Rubric Generators

* [http://rubistar.4teachers.org](http://rubistar.4teachers.org/)
* <http://teachnology.com/web_tools/rubrics/general>

SafeKids

* A website that promotes online safety for children and teens
* [http://www.safekids.com](http://www.safekids.com/)
* [http://www.safeteens.com](http://www.safeteens.com/)

SREB EvaluTech

* [http://www.evalutech.sreb.org](http://www.evalutech.sreb.org/)

TED.com

* Videos of riveting talks by remarkable people
* [www.ted.com](http://www.ted.com/)

ThinkPort

* Provides sources for software, simulation programs, and other technology
* [www.thinkport.org](http://www.thinkport.org/)